Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040622\
Data File : BN019372.D
Acq On : 06 Apr 2022 17:38
Operator : CG/JU
Sample : N2220-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A10015

Quant Time: Apr 07 05:28:28 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 04 17:40:00 2022
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/11/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.818	152	3587	0.400	ng		0.00
7) Naphthalene-d8	10.616	136	12481	0.400	ng		#-0.01
13) Acenaphthene-d10	14.463	164	8676	0.400	ng		0.00
19) Phenanthrene-d10	17.205	188	18835	0.400	ng		# 0.00
29) Chrysene-d12	21.395	240	18069	0.400	ng		0.00
35) Perylene-d12	23.746	264	17328	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.370	112	450	0.047	ng		-0.01
5) Phenol-d6	6.980	99	633	0.055	ng		0.00
8) Nitrobenzene-d5	8.971	82	523	0.046	ng		-0.01
11) 2-Methylnaphthalene-d10	12.216	152	1088	0.050	ng		0.00
14) 2,4,6-Tribromophenol	15.954	330	224	0.043	ng		0.00
15) 2-Fluorobiphenyl	13.084	172	1582	0.044	ng		-0.01
27) Fluoranthene-d10	19.236	212	1889	0.031	ng		0.00
31) Terphenyl-d14	19.834	244	1548	0.039	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.669	128	5109	0.139	ng		95
12) 2-Methylnaphthalene	12.287	142	5411	0.212	ng		96
16) Acenaphthylene	14.185	152	8164	0.190	ng		95
17) Acenaphthene	14.527	154	702	0.025	ng	#	79
18) Fluorene	15.511	166	1381	0.037	ng	#	81
25) Phenanthrene	17.246	178	36929	0.584	ng		100
26) Anthracene	17.338	178	9067	0.163	ng		98
28) Fluoranthene	19.265	202	94239	1.257	ng		99
30) Pyrene	19.628	202	91586	1.089	ng		97
32) Benzo(a)anthracene	21.377	228	45857	0.687	ng		96
33) Chrysene	21.431	228	56659	0.764	ng		97
34) Bis(2-ethylhexyl)phtha...	21.306	149	3592	0.072	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.170	276	22849	0.315	ng	#	90
37) Benzo(b)fluoranthene	23.036	252	65224	0.961	ng		99
38) Benzo(k)fluoranthene	23.074	252	25932m	0.365	ng		
39) Benzo(a)pyrene	23.641	252	36954m	0.606	ng		
40) Dibenzo(a,h)anthracene	26.179	278	5402	0.096	ng	#	73
41) Benzo(g,h,i)perylene	26.919	276	24066	0.358	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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